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性别: 男

毕业院校: 南京农业大学

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研究方向:

- 1) 细菌耐药性监测及耐药机制
- 2) 耐药相关移动基因组及其水平转移机制
- 3) 抗生素替代品

受教育经历:

- 2014.09-2016.09 美国 Iowa State University, 微生物与预防兽医学, 国家公派联合培养博士; 导师: Prof. Qijing Zhang (张启敬教授)
- 2011.09-2016.12 南京农业大学, 兽医药理学与毒理学, 农学博士; 导师: 王丽平教授
- 2006.09-2011.06 南京农业大学, 动物医学, 农学学士

研究工作经历:

- 2017.01-至今 南京农业大学动物医学院
- 2014.09-2016.09 美国爱荷华州立大学兽医学院, 公派联合培养
- 2012.05-2012.07 华南农业大学兽医学院, 短期交流
- 2011.09-2016.12 南京农业大学动物医学院, 硕博连读
- 2006.09-2011.06 南京农业大学动物医学院, 本科生

科研项目:

- 1) 国家自然科学基金 (31572567), ICESa2603 家族可移动遗传元件介导猪链球菌 *erm(B)/tet(O)* 基因水平传播的分子机制, 2016/01-2019/12, 参与
- 2) 国家自然科学基金 (31472164), TLRs/mROS 信号通路在宿主抗乳房链球菌感染中的作用研究, 2015/01-2018/12, 参与
- 3) 江苏省普通高校学术学位研究生科研创新计划项目 (KYLX_0595), “MGEs 介导大环内酯类耐药基因在链球菌属细菌的水平转移机制”, 2014-2016, 主持
- 4) 江苏省自然科学基金 (BK2012771), 参与 (已结题)
- 5) 中央高校基本科研业务费专项基金 (KYZZ201105), 参与 (已结题)



近年代表性论著:

1. **Huang J**, Chen L, Wu Z, Wang L*. Retrospective analysis of genome sequences revealed the wide dissemination of *optrA* in Gram-positive bacteria. **J Antimicrob Chemother**, 2017, 72(2): 614-616.
2. **Huang J**, Ma J, Shang K, Hu X, Liang Y, Li D, Wu Z, Dai L, Chen L, Wang L*. Evolution and diversity of the antimicrobial resistance associated mobilome in *Streptococcus suis*: a probable mobile genetic elements reservoir for other streptococci. **Front Cell Infect Microbiol**, 2016, 6:118.
3. **Huang J**, Liang Y, Guo D, Shang K, Ge L, Kashif J, Wang L*. Comparative genomic analysis of the ICESa2603 family ICEs and spread of *erm(B)*- and *tet(O)*-carrying transferable 89K-subtype ICEs in swine and bovine isolates in China. **Front Microbiol**, 2016, 7: e00055.
4. **Huang J**, Shang K, Kashif J, Wang L*. Genetic diversity of *Streptococcus suis* isolated from three pig farms of China obtained by acquiring antibiotic resistance genes. **J Sci Food Agric**, 2015, 95(7): 1454-1460.
5. **Huang J**, Li Y#, Shang K, Kashif J, Qian X, Wang L*. Efflux pump, methylation and mutations in the 23s rRNA genes contributing to the development of macrolide resistance in *Streptococcus suis* isolated from infected human and swine in china. **Pak Vet J**, 2014, 34(1): 82-86.
6. 黄金虎, 刘民星, 商可心, 王丽平*. 46 株猪链球菌对大环内酯类抗生素的耐药性及 PFGE 分型. **南京农业大学学报**, 2013, (4): 105-110.
7. Ma J, Pan Z, **Huang J**, Sun M, Lu C, Yao H*. The Hcp proteins fused with diverse extended-toxin domains represent a novel pattern of antibacterial effectors in type VI secretion systems. **Virulence**, 2017, doi: 10.1080/21505594.2017.1279374.
8. Guo T, **Huang J**, Zhang H, Dong L, Guo D, Guo L, He F, Bhutto Z.A., Wang L*. Abcb1 in pigs: molecular cloning, tissues distribution, functional analysis, and its effect on pharmacokinetics of enrofloxacin. **Sci Rep**, 2016, 6: 32244.
9. Yao J, Shang K, **Huang J**, Ran W, Kashif J, Wang L*. Overexpression of an ABC transporter and mutations of GyrA, GyrB, and ParC in contributing to high-level ciprofloxacin resistance in *Streptococcus suis* type 2. **Biosci Trends**, 2014, 8(2): 84-92.
10. Qian X, Shang K, Kashif J, **Huang J**, Wang L*. Dual efflux pumps SatA and SatB Are associated with ciprofloxacin resistance in *Streptococcus suis* isolates. **Pak Vet J**, 2014, 34(4): 438-443.
11. Kashif, J, Buriro, R, Memon, J, Yaqoob, M, Soomro, J, Diao, D, **Huang, J**, Wang, L*. Detection of class 1 and 2 integrons, beta-lactamase genes and molecular characterization of sulfonamide resistance in *Escherichia coli* isolates recovered from poultry in China. **Pak Vet J**, 2013, 33: 321-324.
12. 葛琳, 郭大伟, 何方, 黄金虎, 王丽平*. PmrA-PmrB 二元调控系统介导大肠杆菌对黏杆菌素耐药的机制研究. **畜牧兽医学报**, 2016, (04): 812-819.